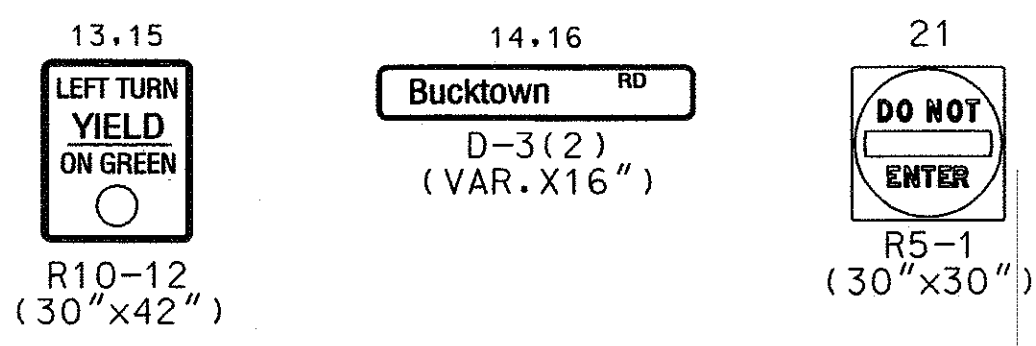
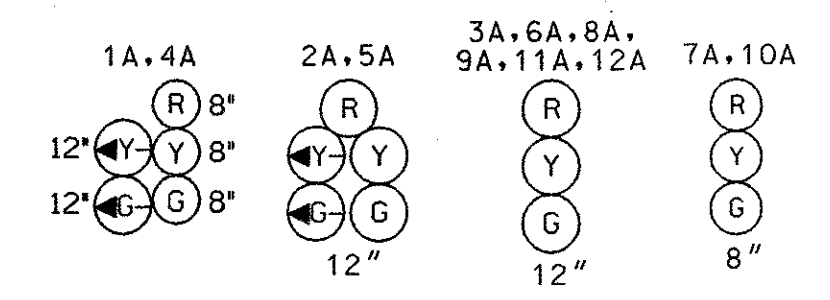


EXISTING SIGNS



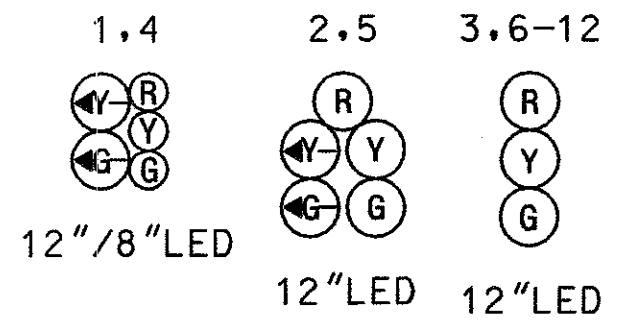
EXISTING SIGNAL HEADS TO BE REMOVED



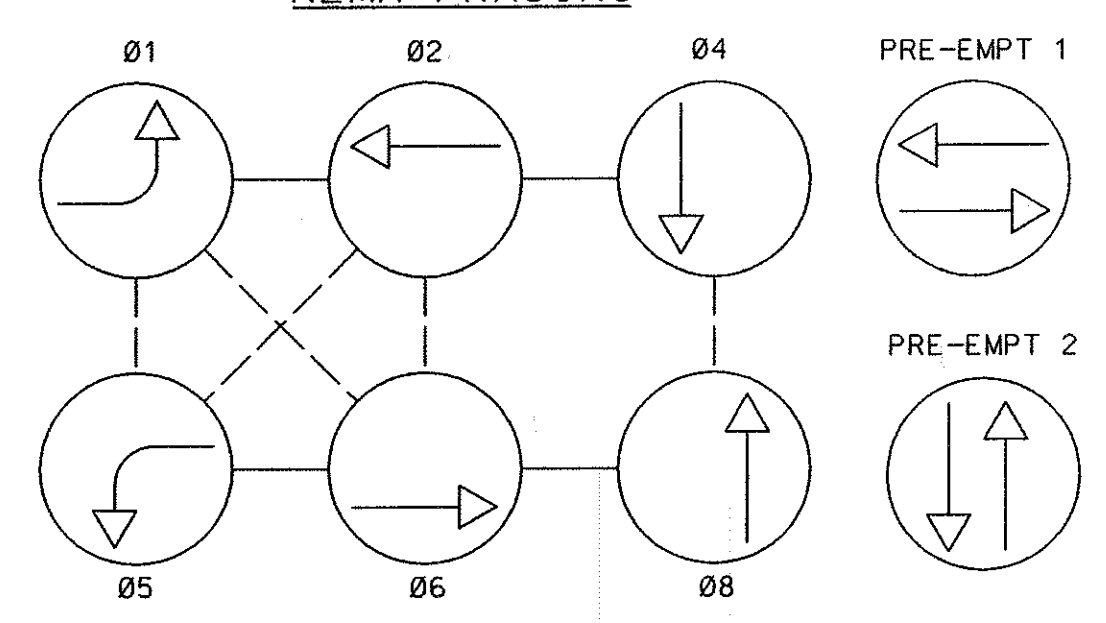
EXISTING OPTICOM DETECTOR EYE

OPTICOM DETECTOR (22-24)

PROPOSED SIGNALS

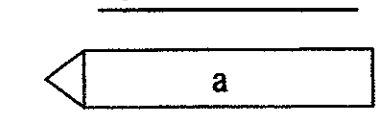


NEMA PHASING



PHASING NOTES:
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY

VIDEO ZONE DETECTION



SPECIAL NOTE

1. INSTALL HANDHOLE WITH LONG DIMENSION PERPENDICULAR TO TRAVEL WAY FOR INSTALLATION OF NON-INVASIVE PROBES. EXTEND CONDUIT A MINIMUM OF 2 IN. AND A MAXIMUM OF 3 IN. INTO HANDHOLE.

US 50 WestBound (Ocean Gateway)

US 50 EastBound (Ocean Gateway)

GENERAL NOTES

1. VIDEO CAMERA LOCATION / ALIGNING SHALL BE COORDINATED WITH THE SHA ENGINEER.
2. THE CONTRACTOR SHALL CONTACT SHA TO SCHEDULE RETROFITTING OF THE CONTROLLER EQUIPMENT IN ORDER TO OPERATE VIDEO DETECTION EQUIPMENT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATING ALL SIGNAL CABLE TO THE APPROPRIATE TERMINALS AND PROPERLY LABEL EACH CABLE.
4. REMOVE AND DISPOSE OF ALL UNUSED SIGNAL CABLE.

CONSTRUCTION DETAILS

- A. USE EXISTING BASE MOUNTED CABINET AND CONTROLLER. (NOTE: SHA FORCES SHALL RETROFIT CONTROLLER EQUIPMENT TO OPERATE VIDEO DETECTION EQUIPMENT)
 - B. USE EXISTING CONDUIT.
 - C. USE EXISTING HANDHOLE.
 - D. USE EXISTING STEEL SPAN WIRE. INSTALL SIGNAL HEADS AS SHOWN.
 - E. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - BORED..
 - F. USE EXISTING STEEL STRAIN POLE.
 - G. USE EXISTING STEEL STRAIN POLE. INSTALL VIDEO DETECTION CAMERA MOUNTED ON LIGHTING BRACKET ARM AS SHOWN.
 - H. CAP AND ABANDON EXISTING CONDUIT.
 - J. ABANDON EXISTING LOOP DETECTOR. DISCONNECT AND REMOVE LOOP DETECTOR CABLES FROM CONDUITS, HANDHOLES, SIGNAL STRUCTURES AND CONTROLLER.
 - K. INSTALL NON-INVASIVE MICROLOOP PROBE SET WITH 1,000 FT. LEAD-IN IN PROPOSED 3 IN. CONDUIT.
 - L. INSTALL HANDHOLE.
 - M. REMOVE EXISTING HANDHOLE.
 - N. USE EXISTING STEEL STRAIN POLE. INSTALL VIDEO DETECTION CAMERAS MOUNTED ON LIGHTING BRACKET AS SHOWN.
 - P. INSTALL 3 IN. PVC SCHEDULE 80 ELECTRICAL CONDUIT - TRENCHED.
- INSTALL HANDHOLE ON TOP OF EXISTING CONDUIT HEADING EAST. CUT AND REMOVE APPROXIMATELY 3 FT. LENGTH OF EXISTING CONDUIT AND INSTALL HANDHOLE. INSTALL AND COUPLE 1 FT. +/- SECTION OF 3 IN. SCHEDULE 80, PVC ELECTRICAL CONDUIT TO EXISTING CONDUIT HEADING WEST LEAVING 6 IN. PROTRUDING INSIDE HANDHOLE.

GEOMETRIC LEGEND	
PROPOSED	---
EXISTING	---
LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	---
ELECTRIC	---
TELEPHONE	---
GAS	---
SEWER	---
WATER	---
CABLE TV	---

SHA STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
US 50 AND MD 750 /BUCKTOWN ROAD

SIGNALIZATION PLAN SHEET			
SCALE 1"=20'	ADVERTISED DATE	CONTRACT NO. D-537-459-185	
DESIGNED BY DS	COUNTY DORCHESTER		
DRAWN BY EDK	LOGMILE		
CHECKED BY	TIMS NO. J040		
F.A.P. NO.	TOD NO.		
TS NO. 2497	DRAWING SG-1	OF 2	SHEET NO. 1 OF 2

APPROVALS		REVISIONS	
TEAM LEADER		(C) INSTALL VIDEO DETECTION AND UPGRADE SIGNAL HEADS WITH LEDS	CONTRACT NO. AX1395185 12/3/08
ASST. DIR. CHIEF		(B) DETECTOR LOOP REPLACEMENT DUE TO ROADWAY CONSTRUCTION PROJECT	S.H.A. NO. D05785170
DIRECTOR CHIEF		(A) REPAIR FAILED LOOP DETECTOR	SHA # AW576-501-085
OFFICE DIRECTOR			

PLOTTED: Wednesday, December 03, 2008 AT 11:28 AM
FILE: J:\DATA\J040\J040GP01.dgn